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1. Location of Reading Room: Idaho Operations Public Reading Room 1776 Science Center Dr. University Place Idaho Falls, ID 83403	2. Expected Release Date: May 22, 1995	
3. Document Type: <div style="display: flex; justify-content: space-between;"><div style="width: 40%;"><input checked="" type="checkbox"/> Letter <input type="checkbox"/> Memorandum <input type="checkbox"/> Report <input type="checkbox"/> Publication <input type="checkbox"/> Other (Specify)</div><div style="width: 55%;">a. If letter or memo: To: Mr. H. R. Canter, Asst. Manager, Pittsburgh Naval Reactors Office From: G. L. Voelz, M. D., Director Health Services Laboratory Subject: EXPERIMENTAL CLOUD EXPOSURE STUDY b. If report: Title: c. If publication: Name: Volume: Issue:</div></div>		
4. Document Date: February 25, 1970	5. Summary (2-3 lines indicating the major subject(s) of the document): The letter is about the experimental cloud exposure study to measure the radiation doses from clouds of gamma emitting radionuclides and possible interaction regarding the program	
6. Name and telephone number of person completing form: Anjan K. Majumder (208) 525-0206	7. Organization: Lockheed Idaho Technologies Co.	8. Date: May, 1995

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HUMAN RADIATION EXPERIMENTS

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FILE TITLE	LETTER TO H. R. CANTER, FROM GEORGE L. VOELZ, M.D., SUBJECT: EXPERIMENTAL CLOUD EXPOSURE STUDY
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DOCUMENT TITLE: LETTER TO H. R. CANTER, FROM GEORGE L. VOELZ,
M.D., SUBJECT: EXPERIMENTAL CLOUD EXPOSURE STUDY

CROSS REFERENCES:

ITEMS OF INTEREST:

FEB 25 1970

Mr. H. R. Canter, Assistant Manager
Pittsburgh Naval Reactors Office
Idaho Branch Office
P. O. Box 2469
Idaho Falls, Idaho 83401

Subject: Experimental Cloud Exposure Study

Dear Mr. Canter:

The Division of Reactor Development and Technology has contracted with the Health Services Laboratory to carry out an experimental program to measure radiation doses from clouds of gamma emitting radionuclides.

We plan to carry out a series of tests at Grid 3, which is just north of CPP, during the second week in March. A sodium-24 aerosol will be released over periods ranging up to 30 minutes at the smallest rate necessary to measure the radiation dose reliably. Our first test is planned for March 9, probably in the afternoon. We are quite certain that the tests can be carried out without producing air concentrations of the sodium-24 aerosol at any facility on site that will even approach the off-site Radioactivity Concentration Guide for sodium-24. However, the concentrations may be measurable for short time periods at your facility and we would like you to be fully aware of what we are doing. Toward this end, you and/or your representatives are invited to attend a meeting in the conference room at CP-690 at 1:00 p.m. on March 3. The purpose of this meeting is to acquaint you with the program and discuss the possible interactions with your facilities.

If you have any questions about the meeting please contact Charles A. Pelletier, Chief, Environmental Branch.

Very truly yours,

George L. Voelz, M. D., Director
Health Services Laboratory

HSL

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BOX NO. HSL C-7A 640 Room #103
SUBJ: Let to H.R. Canter from G.L. Voelz
FOLDER Experimental Cloud Exposure Study